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Applicant: David P. Andrew, Brian A. Zabel and Paul D. Ponath
Application No.: 09/522,752 Group: 1644
Filed: March 10, 2000 Examiner: Jessica H. Roark, Ph.D.
Confirmation No.: 4952
For: METHODS OF INHIBITING GPR-9-6 FUNCTION

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
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DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, David P. Andrew, Brian A. Zabel and Paul D. Ponath, hereby declare and state:

1. We produced monoclonal antibody GPR96-1 (mAb GPR96-1) in the United States, and were in possession of the invention claimed in the subject application, before May 11, 1999.
2. Evidence is provided in the Exhibit, which is a copy of page 164 of a notebook maintained by inventor David P. Andrew. In accordance with accepted practice, the dates on the copy of the notebook page are masked. (M.P.E.P. § 715.07) In the original notebook, page 164 bears a date of recordation prior to May 11, 1999.
3. A manuscript table and a histogram are presented on the bottom half of the Exhibit, which describe the results of a study demonstrating that mAb 3C3 and mAb GPR96-1 inhibited TECK-induced chemotaxis of transfected L1.2 cells that expressed a recombinant human GPR-9-6. The ability of mAb GPR96-1, mAb GPR96-2, mAb GPR96-3, mAb GPR96-5, mAb 3C3, mAb 3B8, mAb 42C and mAb 6G4 to inhibit TECK-induced chemotaxis was evaluated in duplicate wells. Control wells contained no TECK (results presented at top of histogram (-)), or TECK but not antibody (results presented in center of histogram between 3B8 and 3C3 (-)). The manuscript table includes the antibody tested, the number of cells that migrated to the bottom chamber in each well, the average number of cells that migrated and the standard deviation. The results are presented graphically in the histogram, and show that mAb 3C3 and mAb GPR96-1 each inhibited TECK-induced chemotaxis of cells expressing a recombinant human GPR-9-6.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

David P. Andrew Ph.D.

Date

Brian A. Zabel

Brian A. Zabel

2-26-04

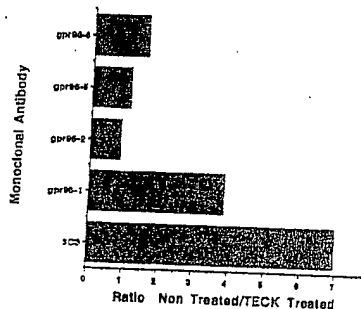
Date

Paul D. Ponath, Ph.D.

Date

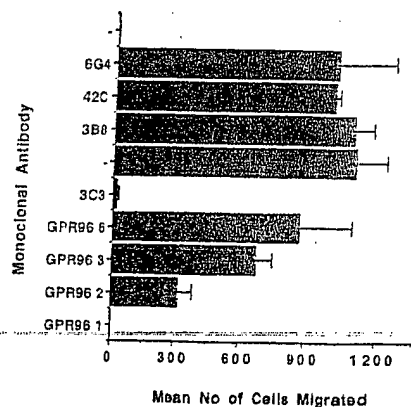
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-	gpr2	0.5gml	489
-	3C3	0.5gml	341
-	gpr2		4750
-	gpr5		6467
-	gpr6		2200
-	gpr1		41566
70uM TECK	3C3		49
	gpr2		5702
	gpr5		6048
	gpr6		1443
	gpr1		419
	gpr2	0.5gml	503



Chemotaxis

gpr2	pld	489/503	0.8
gpr1	2.2		2/0
2	284	275	320/63
3	613	725	669/79
6	709	1037	873/231
3C3	20	8	14/8
-	1027	1204	114/127
3B8	1180	1044	1102/52
42C	1034	106	1023/16
GG4	1199	863	1031/237
-	0	4	2/3



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Witnessed & Understood by me,

Date

Invented by

D. M.

Date

Recorded by

D. M.

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The Journal of Immunology

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tabbles

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